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PATENT APPLICATION: US/09/394,867

Output Set: N:\CRF3\01192001\T394867.raw

DATE: 01/19/2001

TIME: 14:10:20

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TECH CENTER 1600/2800

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3 <110> APPLICANT: Williams, David A.
 5 <120> TITLE OF INVENTION: METHODS FOR ENHANCED RETROVIRAL-MEDIATED GENE TRANSFER
 7 <130> FILE REFERENCE: 7037-377
 9 <140> CURRENT APPLICATION NUMBER: 09/394,867
10 <141> CURRENT FILING DATE: 1999-09-13
12 <150> PRIOR APPLICATION NUMBER: 08/536.891
13 <151> PRIOR FILING DATE: 1995-09-29
15 <150> PRIOR APPLICATION NUMBER: PCT/US95/03817
16 <151> PRIOR FILTNG DATE: 1995-03-27
18 <150> PRTOR APPLICATION NUMBER: 08/218,355
19 <151> PRIOR FILING DATE: 1994-03-25
21 <160> NUMBER OF SEQ ID NOS: 2
23 <170> SOFTWARE: Patentin Ver. 2.1
25 <210> SEQ 1D NO: 1
26 <211> LENGTH: 271
27 <212> TYPE: PRT
28 <213> ORGANISM: Homo sapiens
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37 Arg Val Arg Val Thr Pro Lys Glu Lys Thr Gly Pro Met Lys Glu 11e 38 $35$ 40 45
40 Asn Leu Ala Pro Asp Ser Ser Ser Val Val Val Ser Gly Leu Met Val 41 -50 -55 -60
43 Ala Thr Lys Tyr Glu Val Ser Val Tyr Ala Leu Lys Asp Thr Leu Thr 44 65 70 75 80
46 Ser Arg Pro Ala Gln Gly Val Val Thr Thr Leu Glu Asn Val Ser Pro 47 \phantom{1}85 \phantom{1}90 \phantom{1}95
49 Pro Arg Arg Ala Arg Val Thr Asp Ala Thr Glu Thr Thr Ile Thr Ile
50 100 105 110
52 Ser Trp Arg Thr Lys Thr Glu Thr Ile Thr Gly Phe Gln Val Asp Ala
53 115 120 125
55 Val Pro Ala Asn Gly Gln Thr Pro Ile Gln Arg Thr fle Lys Pro Asp
56 130 135 1.40
58 Val Arg Ser Tyr Thr Ile Thr Gly Leu Gln Pro Gly Thr Asp Tyr Lys
59 145 156 156 156
61 Tie Tyr Leu Tyr Thr Leu Asn Asp Asn Ala Arg Ser Ser Pro Val Val
62 165 170 175
64 lie Asp Ala Ser Thr Ala The Asp Ala Pro Ser Asn Leu Arg Phe Leu
65 180 1.85
67 Ala Thr Thr Pro Asn Ser Leu Leu Val Ser Trp Gln Pro Pro Arg Ala
68 1.95 200 205
70 Arg Ile Thr Gly Tyr lle Ile Lys Tyr Glu Lys Pro Gly Ser Pro Pro
7.1 210
                          23.5
73 Arg Glu Val Val Pro Arg Pro Arg Pro Gly Val Thr Glu Ala Thr Tle
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74	225	230	235	5	240
	Thr Gly Leu Glu Pr	ro Gly Thr G	lu Tyr Thr Ile	Tyr Val Ile	Ala Leu
77	2/	15	250		255
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90	1	5	.1.0		1.5
92	Pro Glu 11e Lou As	sp Val Pro S	er Thr		
93	20		25		

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VERIFICATION SUMMARY
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